

Solving Polynomials
Word Equations

p 258 q 11

f face cards
g 10-6
h 5-Ace

i) $4f + 5g + 6h$
 ii) $5f + 1g + 3h$
 iii) $(4f + 5g + 6h) - (5f + 1g + 3h)$

$4f + 5g + 6h - 5f - g - 3h$
 $-f + 4g + 3h$

iv) $f = 5$
 $g = 3$
 $h = 1$
 $-5 + 4(3) + 3(1)$
 $-5 + 12 + 3$
 $-5 + 15$
 $+10$

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p 265 q 16

Sales Fleet = 12 Sedans + 3 SUVs

$S = 12(-2400x + 19600) + 3(-3100x + 24500)$

$S = -28800x + 235200 + -9300x + 73500$

$S = -38100x + 308700$

$x = 0$ Brand New
 Fleet = 308700

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p 271 5 b)

$A = 36abc$

$A = l \times w$

$\frac{A}{l} = w$

$\frac{36abc}{9ab} = w$

$4c = w$

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p 259 q 10, 13
 p 265 q 15, 17
 p 271 q 5, c, d
 p 273 q 17
 p 278 q 5

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Test Topics

Polynomials Test - Friday

Combining Like Terms $(+ \text{ } -)$
 ie $3x^4 + 2x^3 - 3x^4 + 6x^3$

Distributive Property (x)
 ie $3x(2x + 3x) - 6x(2x - 4x)$

Solving Polynomial Equations
 ie $3(r + b) = 16$ $\frac{3}{3} \frac{r+b}{1} = \frac{16}{3}$

Factoring

Word Problems-Solving Polynomials
 ie Card Game

Review Test p 278 q.1-5

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Sep 20-8:34 AM